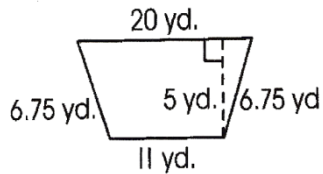


Name _____ Period _____

Geometry Unit 10 Worksheet #4 - Trapezoids

For #1-3, find the perimeter and area of each trapezoid. Include units!!!

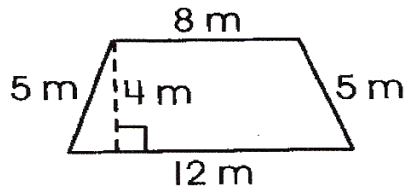
1.



perimeter _____

area _____

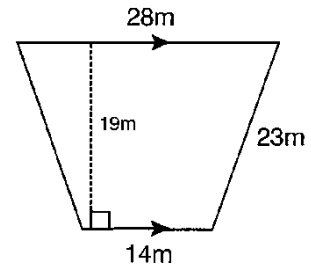
2.



perimeter _____

area _____

3.

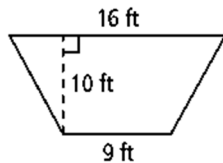


perimeter _____

area _____

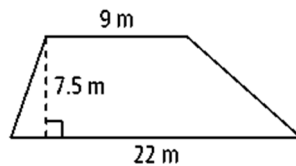
For #4 - 9, find the area of the trapezoid.

4.



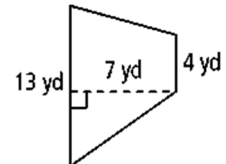
area _____

5.



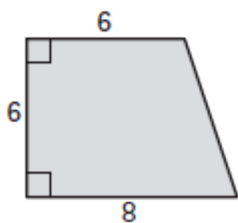
area _____

6.



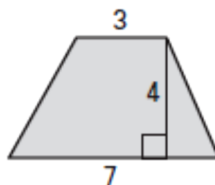
area _____

7. units = ft



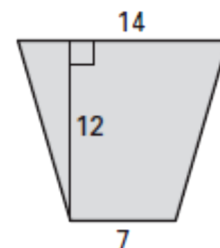
area _____

8. units = cm



area _____

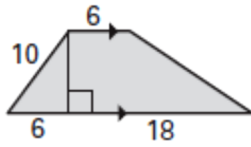
9. units = yds



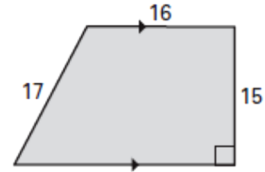
area _____

For #10-13, find the missing information. Then find the area of the trapezoids.

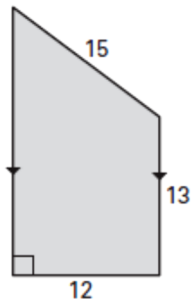
10.



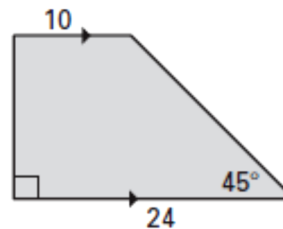
11.



12.



13.



14. A trapezoid has an area of 935 cm^2 . The bases have lengths of 30 cm & 55 cm. Find the height of the trapezoid.

15. A trapezoid has an area of 7.5 in^2 . The height is 2 in, and one base is 5 in. Find the other base.

16. A trapezoid has a height of 10 ft and its median has a length of 7 ft. Find the area

17. The area of a trapezoid is 144 in^2 . If the height is 16 inches, find the length of the median.